

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|---------|---|--------------------------------|------------------|---------|------------------|
| L1 | 7 | ((("5231162") or ("6399669") or ("4898753") or ("5234966") or ("5859171") or ("6586081") or ("4474662"))).PN. | USPAT | OR | OFF | 2005/03/17 19:38 |
| L2 | 2 | ((("5859171") or ("6586081"))).PN. | USPAT | OR | OFF | 2005/03/17 19:42 |
| L3 | 6 | ((("6544648") or ("6332990") or ("5601938") or ("5358802") or ("5260855") or ("4997804"))).PN. | USPAT | OR | OFF | 2005/03/17 19:53 |
| L4 | 13 | ((("6544648") or ("6332990") or ("5601938") or ("5358802") or ("5260855") or ("4997804") or ("4898753") or ("5231162") or ("5234966") or ("5859171") or ("6586081") or ("6399669") or ("4474662"))).PN. | USPAT | OR | OFF | 2005/03/17 19:55 |
| L5 | 115375 | polyimide aerogel and (polyamic acid or polyimide precursor) and gel? | USPAT; EPO; JPO; DERWENT | OR | ON | 2005/03/17 20:08 |
| L6 | 38986 | 5 and (supercritical "CO2" or carbon dioxide) | USPAT; EPO; JPO; DERWENT | OR | ON | 2005/03/17 20:11 |
| L7 | 31824 | 6 and (dehydrating agent or chemical dehydrating agent or acetic anhydride or propionic anhydride or ?butyric anhydride or benzoic anhydride or trifluoroacetic anhydride or phosphorus trichloride or trialkylamine or pyridine or isoquinoline or morpholine or piperidine or piperazine) | USPAT; EPO; JPO; DERWENT | OR | ON | 2005/03/17 20:16 |
| L8 | 1080373 | 7 and aerogel density | USPAT; EPO; JPO; DERWENT | OR | ON | 2005/03/17 20:16 |
| L9 | 355416 | 7 and supercritical near3 carbon dioxide | USPAT; EPO; JPO; DERWENT | OR | ON | 2005/03/17 20:17 |
| L10 | 120082 | 7 and aliphatic diamine | USPAT; EPO; JPO; DERWENT | OR | ON | 2005/03/17 20:17 |
| L11 | 114728 | 10 and (polysiloxane diamine or diaminosiloxane or siloxane adj2 diamine) | USPAT; EPO; JPO; DERWENT | OR | ON | 2005/03/17 20:18 |
| L12 | 1382 | 11 and cosolvent | USPAT; EPO; JPO; DERWENT | OR | ON | 2005/03/17 20:18 |
| L13 | 6934 | 12 and carbon aerogel | USPAT; EPO; JPO; DERWENT | OR | ON | 2005/03/17 20:19 |

| | | | | | | |
|-----|-------|--|--------------------------------|----|-----|------------------|
| L14 | 7 | 12 and pyrolyz\$3 | USPAT; EPO; JPO; DERWENT | OR | ON | 2005/03/17 20:21 |
| L15 | 82682 | 5 and (green film or gel film or gel state) | USPAT; EPO; JPO; DERWENT | OR | ON | 2005/03/17 20:38 |
| L16 | 2899 | 9 and 13 | USPAT | OR | OFF | 2005/03/17 20:38 |
| L17 | 2775 | 16 and (carbon aerogel or foam) | USPAT | OR | OFF | 2005/03/17 20:39 |
| L18 | 2439 | 17 and (polyimide or polyamic acid foam) | USPAT | OR | OFF | 2005/03/17 20:39 |
| L19 | 47 | "CO2" and 18 | USPAT | OR | OFF | 2005/03/17 20:40 |
| L20 | 9 | 19 and supercritical | USPAT | OR | OFF | 2005/03/17 20:44 |
| L21 | 5782 | 5 and polyimide same (foam or aerogel or carbon aerogel) | USPAT | OR | OFF | 2005/03/17 20:45 |
| L22 | 100 | 21 and pyrolyz\$5 | USPAT | OR | OFF | 2005/03/17 20:45 |
| L23 | 48 | 22 and (imidiz\$5 agent) | USPAT | OR | OFF | 2005/03/17 20:46 |

WEST Search History

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DATE: Thursday, March 17, 2005

| Hide? | <u>Set</u> <u>Name</u> | <u>Query</u> | <u>Hit</u> <u>Count</u> |
|--------------------------|---|--|----------------------------|
| | <i>DB=USPT,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ</i> | | |
| <input type="checkbox"/> | L24 | L22 and aliphatic diamine | 1 |
| <input type="checkbox"/> | L23 | L22 and pyrolyz? | 0 |
| <input type="checkbox"/> | L22 | polyimide aerogel or foam and (polyamic acid or polyimide precursor) and (gel film or gel state or green film) | 13 |
| | <i>DB=USPT; PLUR=YES; OP=ADJ</i> | | |
| <input type="checkbox"/> | L21 | L20 and @pd > 20041001 | 0 |
| <input type="checkbox"/> | L20 | L19 and dehydrating | 0 |
| <input type="checkbox"/> | L19 | L16 and pore size\$1 | 2 |
| <input type="checkbox"/> | L18 | L16 and mesoporous and pore size\$1 | 0 |
| <input type="checkbox"/> | L17 | L16 and mesoporous same pore size\$1 | 0 |
| <input type="checkbox"/> | L16 | L15 and (polyamic acid or precursor) | 29 |
| <input type="checkbox"/> | L15 | (polyimide gel or polyimide aerogel) and (sol gel process or method) | 46 |
| <input type="checkbox"/> | L14 | polyimide foam and 521/82 | 6 |
| <input type="checkbox"/> | L13 | polyimide gel and 521/82 | 0 |
| <input type="checkbox"/> | L12 | polyimide aerogel and 521/82 | 0 |
| | <i>DB=USPT,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ</i> | | |
| <input type="checkbox"/> | L11 | polyimide and carbon aerogel | 11 |
| <input type="checkbox"/> | L10 | L9 and (supercritical co2 or supercritical carbon dioxide) | 1 |
| <input type="checkbox"/> | L9 | polyimide gel | 61 |
| <input type="checkbox"/> | L8 | L7 and (supercritical CO2 or supercritical carbon dioxide) | 1 |
| <input type="checkbox"/> | L7 | polyimide aerogel | 10 |
| | <i>DB=DWPI; PLUR=YES; OP=ADJ</i> | | |
| <input type="checkbox"/> | L6 | polyimide aerogel and 521/82 | 0 |
| | <i>DB=USPT,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ</i> | | |
| <input type="checkbox"/> | L5 | polyimide aerogel and 521/82 | 0 |
| | <i>DB=PGPB,USPT; PLUR=YES; OP=ADJ</i> | | |
| <input type="checkbox"/> | L4 | polyimide aerogel and 521/82 | 0 |
| | <i>DB=USPT; PLUR=YES; OP=ADJ</i> | | |
| <input type="checkbox"/> | L3 | L1 and (polyimide aerogel or polyimide gel) | 0 |
| <input type="checkbox"/> | L2 | L1 and polyimide aerogel | 0 |

6670402.DID. or 6544648.did. or 6332990.did. or 5601938.did. or

☐ L1 5358802.did. or 5260855.did. or 4997804.did. or 5284519.did. or 5376209.did. 12
or 5502156.did. or 5520960.did. or 5575955.did.

END OF SEARCH HISTORY

Hit List

| | | | | |
|---------------|---------------------|-------|----------|-----------|
| Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs |
| Generate OACS | | | | |

Search Results - Record(s) 1 through 1 of 1 returned.

☐ 1. Document ID: WO 2004009673 A1

Using default format because multiple data bases are involved.

L24: Entry 1 of 1

File: EPAB

Jan 29, 2004

PUB-NO: WO2004009673A1

DOCUMENT-IDENTIFIER: WO 2004009673 A1

TITLE: POLYIMIDE AEROGELS, CARBON AEROGELS, AND METAL CARBIDE AEROGELS AND METHODS OF MAKING SAME

PUBN-DATE: January 29, 2004

INVENTOR-INFORMATION:

NAME

COUNTRY

WENDALL, RHINE

US

WANG, JING

US

BEGAG, REDOUANE

US

INT-CL (IPC): C08 G 73/10; C08 J 9/28; B01 J 13/00

EUR-CL (EPC): B01J013/00; C08G073/10, C08G073/10

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Drawings |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|

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|-------|---------------------|-------|----------|-----------|---------------|
| Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS |
|-------|---------------------|-------|----------|-----------|---------------|

| Term | Documents |
|--|-----------|
| ALIPHATIC | 344003 |
| ALIPHATICS | 3054 |
| DIAMINE | 100036 |
| DIAMINES | 35701 |
| (22 AND (ALIPHATIC ADJ DIAMINE)).USPT,EPAB,JPAB,DWPI. | 1 |
| (L22 AND ALIPHATIC DIAMINE).USPT,EPAB,JPAB,DWPI. | 1 |

Display Format:

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L24: Entry 1 of 1

File: EPAB

Jan 29, 2004

PUB-NO: WO2004009673A1

DOCUMENT-IDENTIFIER: WO 2004009673 A1

TITLE: POLYIMIDE AEROGELS, CARBON AEROGELS, AND METAL CARBIDE AEROGELS AND METHODS OF MAKING SAME

PUBN-DATE: January 29, 2004

INVENTOR-INFORMATION:

| NAME | COUNTRY |
|-----------------|---------|
| WENDALL, RHINE | US |
| WANG, JING | US |
| BEGAG, REDOUANE | US |

ASSIGNEE-INFORMATION:

| NAME | COUNTRY |
|--------------------|---------|
| ASPEN AEROGELS INC | US |
| WENDALL RHINE | US |
| WANG JING | US |
| BEGAG REDOUANE | US |

APPL-NO: US00323188

APPL-DATE: July 22, 2003

PRIORITY-DATA: US39789402P (July 22, 2002)

INT-CL (IPC): C08 G 73/10; C08 J 9/28; B01 J 13/00

EUR-CL (EPC): B01J013/00; C08G073/10, C08G073/10

ABSTRACT:

CHG DATE=20040217 STATUS=O>A preparation process of polyimide aerogels that composed of aromatic dianhydrides and aromatic diamines or a combined aromatic and aliphatic diamines is described. Also described is a process to produce carbon aerogels derived from polyimide aerogel composed of a rigid aromatic diamine and an aromatic dianhydride. Finally, the processes to produce carbon aerogels or xerogel-aerogel hybrid, both of which impregnated with highly dispersed transition metal clusters, and metal carbide aerogels, deriving from the polyimide aerogels composed of a rigid aromatic diamine and an aromatic dianhydride, are described. The polyimide aerogels and the polyimide aerogel derivatives consist of interconnecting mesopores with average pore size at 10 to 30 nm and a mono-dispersed pore size distribution. The gel density could be as low as 0.008 g/cc and accessible surface area as high as 1300 m²/g.

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| Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs |
| Generate OACS | | | | |

Search Results - Record(s) 1 through 10 of 13 returned.

☐ 1. Document ID: US 6821791 B2

Using default format because multiple data bases are involved.

L22: Entry 1 of 13

File: USPT

Nov 23, 2004

US-PAT-NO: 6821791

DOCUMENT-IDENTIFIER: US 6821791 B2

TITLE: Method for reworking metal layers on integrated circuit bond pads

DATE-ISSUED: November 23, 2004

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|--------------------|--------|-------|----------|---------|
| Stierman; Roger J. | Dallas | TX | | |
| Moore; Thomas M. | Dallas | TX | | |
| Shinn; Gregory B. | Dallas | TX | | |

US-CL-CURRENT: 438/4

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|------------|--------|------|----------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachment | Claims | KWIC | Draw. De |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|------------|--------|------|----------|

☐ 2. Document ID: US 6800555 B2

L22: Entry 2 of 13

File: USPT

Oct 5, 2004

US-PAT-NO: 6800555

DOCUMENT-IDENTIFIER: US 6800555 B2

TITLE: Wire bonding process for copper-metallized integrated circuits

DATE-ISSUED: October 5, 2004

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|--------------------|---------|-------|----------|---------|
| Test; Howard R. | Plano | TX | | |
| Amador; Gonzalo | Dallas | TX | | |
| Subido; Willmar E. | Garland | TX | | |

US-CL-CURRENT: 438/687; 257/E21.508, 257/E23.02, 438/597, 438/614, 438/652,
438/653, 438/678

h e b b g e e e f e f b f h e f b e

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |
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|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|

☐ 3. Document ID: US 6619538 B1

L22: Entry 3 of 13

File: USPT

Sep 16, 2003

US-PAT-NO: 6619538

DOCUMENT-IDENTIFIER: US 6619538 B1

TITLE: Nickel plating process having controlled hydrogen concentration

DATE-ISSUED: September 16, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|------------------|--------|-------|----------|---------|
| Test; Howard R. | Plano | TX | | |
| Klonis; Homer B. | Dallas | TX | | |

US-CL-CURRENT: 228/208; 228/180.5, 228/4.5

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|

☐ 4. Document ID: US 6534327 B2

L22: Entry 4 of 13

File: USPT

Mar 18, 2003

US-PAT-NO: 6534327

DOCUMENT-IDENTIFIER: US 6534327 B2

TITLE: Method for reworking metal layers on integrated circuit bond pads

DATE-ISSUED: March 18, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|--------------------|--------|-------|----------|---------|
| Stierman; Roger J. | Dallas | TX | | |
| Moore; Thomas M. | Dallas | TX | | |
| Shinn; Gregory B. | Dallas | TX | | |

US-CL-CURRENT: 438/4; 257/E21.174, 257/E21.508

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|

☐ 5. Document ID: US 6475609 B1

L22: Entry 5 of 13

File: USPT

Nov 5, 2002

US-PAT-NO: 6475609

DOCUMENT-IDENTIFIER: US 6475609 B1

**** See image for Certificate of Correction ****

TITLE: Color shifting film glitter

DATE-ISSUED: November 5, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|----------------------|----------|-------|----------|---------|
| Whitney; Leland R. | St. Paul | MN | | |
| Ouderkirk; Andrew J. | Woodbury | MN | | |
| Scanlan; Thomas J. | Woodbury | MN | | |

US-CL-CURRENT: 428/212; 428/323, 428/402, 428/403, 428/407

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|----------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KMC | Draw. De |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|----------|

☐ 6. Document ID: US 6455140 B1

L22: Entry 6 of 13

File: USPT

Sep 24, 2002

US-PAT-NO: 6455140

DOCUMENT-IDENTIFIER: US 6455140 B1

**** See image for Certificate of Correction ****

TITLE: Visible mirror film glitter

DATE-ISSUED: September 24, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|----------------------|----------|-------|----------|---------|
| Whitney; Leland R. | St. Paul | MN | | |
| Ouderkirk; Andrew J. | Woodbury | MN | | |

US-CL-CURRENT: 428/212; 428/323, 428/402, 428/403, 428/407

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|----------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KMC | Draw. De |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|----------|

☐ 7. Document ID: US 6448650 B1

L22: Entry 7 of 13

File: USPT

Sep 10, 2002

US-PAT-NO: 6448650

DOCUMENT-IDENTIFIER: US 6448650 B1

TITLE: Fine pitch system and method for reinforcing bond pads in semiconductor devices

DATE-ISSUED: September 10, 2002

INVENTOR-INFORMATION:

h e b b g e e e f e fb fh ef b e

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|--------------------|------------|-------|----------|---------|
| Saran; Mukul | Richardson | TX | | |
| Martin; Charles A. | Melissa | TX | | |
| Cox; Ronald H. | Plano | TX | | |

US-CL-CURRENT: 257/758; 257/750, 257/763, 257/773, 257/774, 257/775, 257/786,
257/E23.02

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|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|

☐ 8. Document ID: US 6435398 B2

L22: Entry 8 of 13

File: USPT

Aug 20, 2002

US-PAT-NO: 6435398

DOCUMENT-IDENTIFIER: US 6435398 B2

TITLE: Method for chemically reworking metal layers on integrated circuit bond pads

DATE-ISSUED: August 20, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|-------------------|----------|-------|----------|---------|
| Hartfield; Cheryl | McKinney | TX | | |
| Moore; Thomas M. | Dallas | TX | | |

US-CL-CURRENT: 228/103; 228/119, 257/E21.508, 257/E21.525

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|

☐ 9. Document ID: US 5789319 A

L22: Entry 9 of 13

File: USPT

Aug 4, 1998

US-PAT-NO: 5789319

DOCUMENT-IDENTIFIER: US 5789319 A

TITLE: Method of dual masking for selective gap fill of submicron interconnects

DATE-ISSUED: August 4, 1998

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|---------------------|---------|-------|----------|---------|
| Havemann; Robert H. | Garland | TX | | |
| Stoltz; Richard A. | Plano | TX | | |

US-CL-CURRENT: 438/668; 257/E21.576, 438/669, 438/763, 438/778, 438/780

| | | | | | | | | | | | | |
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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|

☐ 10. Document ID: US 5786624 A

L22: Entry 10 of 13

File: USPT

Jul 28, 1998

US-PAT-NO: 5786624

DOCUMENT-IDENTIFIER: US 5786624 A

TITLE: Dual masking for selective gap fill of submicron interconnects

DATE-ISSUED: July 28, 1998

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|---------------------|---------|-------|----------|---------|
| Havemann; Robert H. | Garland | TX | | |
| Stoltz; Richard A. | Plano | TX | | |

US-CL-CURRENT: 257/635; 257/638, 257/E21.576

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. Data |
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| Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS |
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| Term | Documents |
|---|-----------|
| POLYIMIDE | 102784 |
| POLYIMIDES | 21631 |
| AEROGEL | 4433 |
| AEROGELS | 2283 |
| FOAM | 344146 |
| FOAMS | 56655 |
| POLYAMIC | 7500 |
| POLYAMICS | 1 |
| ACID | 1874200 |
| ACIDS | 559523 |
| PRECURSOR | 148635 |
| (POLYIMIDE AEROGEL OR FOAM AND (POLYAMIC ACID OR POLYIMIDE PRECURSOR) AND (GEL FILM OR GEL STATE OR GREEN FILM)).USPT,EPAB,JPAB,DWPI. | 13 |

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[Generate OACS](#)

Search Results - Record(s) 11 through 13 of 13 returned.

☐ 11. Document ID: US 5690961 A

Using default format because multiple data bases are involved.

L22: Entry 11 of 13

File: USPT

Nov 25, 1997

US-PAT-NO: 5690961

DOCUMENT-IDENTIFIER: US 5690961 A

TITLE: Acidic polysaccharides crosslinked with polycarboxylic acids and their uses

DATE-ISSUED: November 25, 1997

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|------------------|------------|-------|----------|---------|
| Nguyen; Tuyen T. | Wilmington | DE | | |

US-CL-CURRENT: 424/488; 424/423, 424/443, 424/499, 424/78.3, 442/123, 514/54,
514/777, 516/105, 525/54.2, 525/937

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KIMC | Draw De |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|

☐ 12. Document ID: WO 2004009673 A1

L22: Entry 12 of 13

File: EPAB

Jan 29, 2004

PUB-NO: WO2004009673A1

DOCUMENT-IDENTIFIER: WO 2004009673 A1

TITLE: POLYIMIDE AEROGELS, CARBON AEROGELS, AND METAL CARBIDE AEROGELS AND METHODS OF MAKING SAME

PUBN-DATE: January 29, 2004

INVENTOR-INFORMATION:

| NAME | COUNTRY |
|-----------------|---------|
| WENDALL, RHINE | US |
| WANG, JING | US |
| BEGAG, REDOUANE | US |

INT-CL (IPC): C08 G 73/10; C08 J 9/28; B01 J 13/00

EUR-CL (EPC): B01J013/00; C08G073/10, C08G073/10

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KIMC | Draw De |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|

h e b b cg b cc e

☐ 13. Document ID: AU 2003261238 A1, WO 2004009673 A1, US 20040132845 A1

L22: Entry 13 of 13

File: DWPI

Feb 9, 2004

DERWENT-ACC-NO: 2004-143274

DERWENT-WEEK: 200450

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TITLE: Production of polyimide aerogel for carbon aerogel, involves contacting diamine and aromatic dianhydride monomers in solvent, contacting resulting poly (amic acid) with dehydrating agent, and drying resulting polyimide gel

INVENTOR: BEGAG, R; WANG, J ; WENDALL, R ; RHINE, W

PRIORITY-DATA: 2002US-397894P (July 22, 2002), 2003US-0625501 (July 22, 2003)

PATENT-FAMILY:

| PUB-NO | PUB-DATE | LANGUAGE | PAGES | MAIN-IPC |
|--------------------------|------------------|----------|-------|------------|
| <u>AU 2003261238 A1</u> | February 9, 2004 | | 000 | C08G073/10 |
| <u>WO 2004009673 A1</u> | January 29, 2004 | E | 058 | C08G073/10 |
| <u>US 20040132845 A1</u> | July 8, 2004 | | 000 | C08J009/00 |

INT-CL (IPC): B01 J 13/00; C08 G 73/10; C08 J 9/00; C08 J 9/28

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|---------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KMC | Draw De |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|---------|

| | | | | | |
|-------|---------------------|-------|----------|-----------|---------------|
| Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS |
|-------|---------------------|-------|----------|-----------|---------------|

| Term | Documents |
|---|-----------|
| POLYIMIDE | 102784 |
| POLYIMIDES | 21631 |
| AEROGEL | 4433 |
| AEROGELS | 2283 |
| FOAM | 344146 |
| FOAMS | 56655 |
| POLYAMIC | 7500 |
| POLYAMICS | 1 |
| ACID | 1874200 |
| ACIDS | 559523 |
| (POLYIMIDE AEROGEL OR FOAM AND (POLYAMIC ACID OR POLYIMIDE PRECURSOR) AND (GEL FILM OR GEL STATE OR GREEN FILM)).USPT,EPAB,JPAB,DWPI. | 13 |

There are more results than shown above. [Click here to view the entire set.](#)